

NPDES authorization to discharge to waters of the United States,  
Permit No. NM0030341- City of Las Vegas- Water Treatment Facility

The applicant's mailing address is:

City of Las Vegas- Water Treatment Plant  
905 12<sup>th</sup> Street  
Las Vegas, NM 87701

The discharge is located in Montezuma, San Miguel County, New Mexico. The discharge is to an unnamed arroyo and thence to the Gallinas River downstream of the Las Vegas municipal reservoir, in Waterbody Segment 20.6.4.220 of the Pecos River Basin. The known uses designated for Gallinas River in Segment 20.6.4.220 are irrigation, livestock watering, wildlife habitat, marginal coldwater aquatic life, and secondary contact.

Under the Standard Industrial Classification (SIC) Code(s) 4941, the applicant currently operates a surface water treatment plant. The plant has a design capacity to treat 5 MGD surface water from the Gallinas River. This plant treats the raw water by coagulation, flocculation, sedimentation, and filtration processes. Filter backwash water and filter-to-waste water are pumped back for treatment. Settled solids (sludge) are transferred to an on-site storage lagoon and then conveyed by force main to the City's wastewater collection and treatment system. Under emergency conditions, backwash and filter-to-waste may be discharged at Outfall 001. A statement of basis is available.

There are significant changes from the previous permit:

1. Change pH limitation from range of 6.0 – 9.0 to 6.6 – 9.0.
2. Add monitoring requirement and effluent limitation for total residual chlorine.
3. Add acute whole effluent toxicity testing.